UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: 09/473,246

Applicants: Mark W. Schaefer

, ;) Group Art Unit:) Examiner:

Filed:

December 27, 1999) Atty Dock:

Angebranndt

012006-00254

For:

Methods for Transferring)

Holographic Images Into)

Metal Surfaces

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450 on January 27, 2005.

Douglas G. Glantz Reg. No. 29,640 Date of Signature: January 27, 2005

Commissioner of Patents U.S. Patent and Trademark Office Alexandria, VA 22313-1450 Sir:

STATUS INQUIRY

Applicant requests the status of the above-identified patent application.

A prior status inquiry was submitted on November 9, 2004 (mailed November 3, 2004).

Enclosed is a copy of the postcard acknowledgment of receipt, marked EXHIBIT A, as received back stamped on November 9, 2004 by the USPTO.

The Correspondence Address for this patent application should be as follows - **CUSTOMER NUMBER 23774**.

> Douglas Glantz Attorney At Law 5260 Deborah Court Doylestown, PA 18901

A copy of the Associate Power of Attorney and New Correspondence Address filed on January 13, 2004 is enclosed, marked as EXHIBIT B.

Applicants have not received a reply to the formal status inquiry filed November 9, 2004.

The file history does not show a formal status inquiry filed November 9, 2004.

However, the file history shows the case now has been transferred to the Technology Center as of January 18, 2005, 2 pp. Enclosed is a copy of the file history as of January 27, 2005, marked as EXHIBIT C.

Now, upon the termination of the U.S. Patent Interference No. 105,176, the present Application USSN 09/473,246 should be returned to Examiner Angebranndt in Art Unit 1756 for further prosecution, and Claims 1-4, as amended, and 7-25 should be the subject of a Notice of Allowability.

Claims 27 and 28 corresponded to and were subject to Count 1, the sole Count, of U.S. Patent Interference 105,176.

Claims 1-4 and 7-25 stood on their own and did <u>not</u> correspond to Count 1, the sole Count, of U.S. Patent Interference 105,176.

U.S. Patent Interference No. 105,176 was terminated on August 31, 2004 by judgment in respect to Claims 27 and 28.

Upon termination of the U.S. Patent Interference No. 105,176, the present Application USSN 09/473,246 should be

returned to the Examiner for further prosecution in respect to Claims 1-4 and 7-25.

In telephone Interview Summary record, Paper No. 17, mailed December 10, 2002, the Examiner recognized the declarations of Paper No. 6 filed on August 24, 2001 as sufficient to obviate the rejections of Claims 3, 5, 6, and 9-25 based on the prior art as embodiments corresponding to the provision of a coating to nickel to form a hardened surface and which embodiments are not claimed in the Mentz et al. U.S. Patent No. 6,017,657.

In an Amendment filed under Certificate of Mailing on January 6, 2003, Applicants thanked the Examiner for his thoughtful comments and assistance in the telephone interview and the indication that the declarations in Paper No. 6 obviate the rejections of Claims 3, 5, 6, and 9-25. An amended Claim 1 was presented in the Amendment filed under Certificate of Mailing on January 6, 2003 to incorporate the limitations of Claims 5 and 6 into Claim 1, as amended, and revise the numerical limitations respecting the depth of the etched pattern and the surface hardness of the die. The Amendment recited that support for the 2-3 micron depth of the etched pattern can be found on page 6, lines 26-29, of Applicants' specification, and support for the 110-125 kg/mm² surface hardness of the die (before coating thereof) is found on page 9, lines 17-20, of the specification.

New Claims 27 and 28 were presented in the Amendment filed under Certificate of Mailing on January 6, 2003 and placed the instant Schaefer et al. application in condition for an interference to be declared with certain claims in Mentz et al. 6,017,657. Claim 27 was substantially identical to original Claim 1 as filed in the present Schaefer et al. application except for correction of a typographical error (changed "o" to "of" in line 5) and incorporation of original Claim 7 therein as suggested by Examiner Angebranndt. Claim 28 was identical to original Claim 1 as filed except for the correction of the typographic error.

Now, upon the termination of the U.S. Patent Interference No. 105,176, the present Application USSN 09/473,246 should be returned to Examiner Angebranndt in Art Unit 1756 for further prosecution, and Claims 1-4, as amended, and 7-25 should be the subject of a Notice of Allowability.

Applicants respectfully request the status of the instant Application USSN 09/473,246 which is believed to be returned to Examiner Angebranndt for further prosecution and completion of the Examiner's prior determination in respect to Claims 1-4 and 7-25, which Claims are not subject to the judgment as to Count 1, the sole Count, of the terminated Interference.

For the foregoing reasons and now upon termination of the Interference No. 105,176, Applicants respectfully request the status of the instant U.S. Patent Application USSN 09/473,246

which is understood to be properly returned to Examiner

Angebranndt in Art Unit 1756 for further prosecution and

completion of the Examiner's prior determination in respect to

Claims 1-4, as amended, and 7-25, which Claims were not subject

to the judgment on Count 1, the sole Count, of the Interference

which is now terminated.

Reconsideration of this application is requested.

Respectfully submitted,

January 27, 2005 Douglas G. Glantz Attorney At Law 5260 Deborah Court Doylestown, PA 18901 Voice: (215) 794-9775 Fax: (215) 794-8860

DGG/mnr



Douglas G. Glantz Attorney At Law 5260 Deborah Court Doylestown, PA 18901-1949

Please stamp receipt and date for the following:

In re application of:

Appellants: Mark W. Schaefer Examiner: Angebranndt Serial No.: 09/473,246 Atty Dock: 012006-00254

Serial No.: 09/473,246 Filed: December 27

December 27, 1999 Group Art Unit: 1756

For:

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Methods for Transferring Holographic

Images Into Metal Surfaces

Status Inquiry, 4 pp.

November 3, 2004



EXHIBIT

"OFFICIAL" Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re application of:

Serial No.: 09/743,246

) Group Art Unit:

Appellants: Mark W. Schaefer

) Exam.: Jeffrey Mullis

Filed:

December 27, 1999

) Atty Dock:

For:

Methods for Transferring)

Holographic Images Into)

Metal Plates

98-148AA

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

ASSOCIATE POWER OF ATTORNEY AND NEW CORRESPONDENCE ADDRESS

As a Principal Attorney of Record, I hereby appoint Douglas G. Glantz, Reg. No. 29,640, as Associate Attorney, who shall also be an Attorney of Record, in the above-identified patent application.

Please change the correspondence address to the address as follows.

Customer Number 23774

Respectfully submitted,

. Iracey & Beriger

January 13, 2004

Tracey D. Beiriger, Esquire Attorney of Record Reg. No. 37,402 Eckert Seamans Cherin & Mellott · · Alcoa Technical Center 100 Technical Drive Alcoa Center, PA 15069

Voice: 724.337.2768 Fax: 724.337.5959





United States Patent and Trademark Office

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EXHIBIT C

PATENT APPLICATION INFORMATION RETRIEVAL



Search results as of: 1-27-2005::11:20:2 E.T.

	Search results for a	pplication num	ber: 09/473,246
. Application Number:	09/473,246	Customer Number:	
Filing or 371(c) Date:	12-27-1999	Status:	Interference Decision on Priority Rendered by Board of Interferences
Application Type:	Utility	Status Date:	08-31-2004
Examiner Name:	ANGEBRANNDT, MARTIN J	Location:	TECHNOLOGY CENTER
Group Art Unit:	1756	Location Date:	01-18-2005
Confirmation Number:	9751	Earliest Publication No:	US 2002-0090578 A1
Attorney Docket Number:	012006-00254	Earliest Publication Date:	07-11-2002
Class/ Sub-Class:	430/320	Patent Number:	-
	MARK W. SCHAEFER, Knoville, TN (US)	Issue Date of Patent:	i =
Title Of Invention:	METHODS FOR TRANSFERRING HOLOGRAPHIC IMAGES INTO METAL SURFACES		

Search Options

Continuity Data				
Image File Wrapper				
Published Documents				

File History		
Date	Contents Description	
08-31-2004	Mail Interference Decision - Adverse	
08-31-2004	Interference Decision on Priority - Adverse	
12-23-2003	Declaration of Interference	
02-04-2003	Mail Advisory Action (PTOL - 303)	
02-03-2003	Interference Communication: Initial Memo Disposal	
02-03-2003	Advisory Action (PTOL-303)	
01-22-2003	Date Forwarded to Examiner	
01-13-2003	Amendment after Final Rejection	
01-13-2003	Affidavit(s) (Rule 131 or 132) or Exhibit(s) Received	
12-10-2002	Mail Examiner Interview Summary (PTOL - 413)	
05-21-2002	Examiner Interview Summary Record (PTOL - 413)	
12-02-2002	Mail Final Rejection (PTOL - 326)	
11-29-2002	Final Rejection	



09-18-2002	Date Forwarded to Examiner			
09-10-2002	Response after Non-Final Action			
06-18-2002	Mail Non-Final Rejection			
06-14-2002	Non-Final Rejection			
04-02-2002	Date Forwarded to Examiner			
03-28-2002	Continuing Prosecution Application - Continuation (ACPA)			
04-02-2002	DISPOSAL FOR A RCE/CPA/129 (express abandonment if CPA)			
03-27-2002	Workflow - Request for CPA - Begin			
02-11-2002	Mail Notification of Terminal Disclaimer - Not Accepted			
02-11-2002	Mail Notification of Terminal Disclaimer - Accepted			
02-11-2002	Mail Advisory Action (PTOL - 303)			
02-08-2002	Advisory Action (PTOL-303)			
02-07-2002	Notification of Terminal Disclaimer - Accepted			
02-07-2002	Notification of Terminal Disclaimer - Not Accepted			
02-05-2002	Terminal Disclaimer Filed			
02-05-2002	Notice of Appeal Filed			
01-25-2002	Date Forwarded to Examiner			
01-18-2002	Amendment after Final Rejection			
11-06-2001	Mail Final Rejection (PTOL - 326)			
11-03-2001	Final Rejection			
10-30-2001	Terminal Disclaimer Filed			
08-29-2001	Date Forwarded to Examiner			
08-24-2001	Response after Non-Final Action			
05-23-2001	Mail Non-Final Rejection			
05-21-2001	Non-Final Rejection			
04-02-2001	Case Docketed to Examiner in GAU			
03-13-2001	Transfer Inquiry			
04-07-2000	Information Disclosure Statement (IDS) Filed			
07-31-2000	Case Docketed to Examiner in GAU			
06-21-2000	Application Is Now Complete			
02-08-2000	Notice MailedApplication IncompleteFiling Date Assigned			
02-02-2000	IFW Scan & PACR Auto Security Review			
02-08-2000	Preexamination Location Change			
01-04-2000	Initial Exam Team nn			